Tetrachloroethylene

127-18-4 | DTXSID2021319

Model Performance

Model	Data

Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.81	0.55	0.81	0.54	0.71	0.61

Model Results

Predicted value: 2.23

Global applicability domain: Inside

Local applicability domain index: 4.88e-01

Confidence level: 7.31e-01

Nearest Neighbors from the Training Set

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Tetrachloroethylene
Measured: 2.40
Predicted: 2.23

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1,2-Dibromoethylene
Measured: 1.65
Predicted: N/A

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Carbon tetrachloride
Measured: 1.85
Predicted: 1.84

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Chloroform
Measured: 1.60
Predicted: 1.70

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Chloropicrin
Measured: 1.79
Predicted: 1.79